

Claims

1. A plug connector (1) for connecting at least two conductors (4, 5), which has a first housing half (2) and a second housing half (3), which can be locked from a prelocking position with the first housing half (2) in a final locking position,

is hereby characterized by

an electrically conductive clamp (9, 9'), which places the two conductors (4, 5) in contact in final locking position and connects them electrically with one another.

2. The plug connector (1) according to claim 1, further characterized in that the two conductors (4, 5) are part of a flat flex conductor.

3. The plug connector (1) according to claim 1 or 2, further characterized in that the clamp is U-shaped, wherein each of the two legs (10, 11) of the U-shaped clamp (9, 9') contact at least one conductor (4,5) in the final locking position.

4. The plug connector (1) according to claim 3, further characterized in that the clamp (9, 9') is arranged in a recess (12) in one of the two housing halves (2, 3), whereby the other housing half has a shoulder (13), which presses the conductors (4, 5) into the recess (12) between the two legs (10, 11) of the clamp in final locking position.

5. The plug connector according to one of claims 1 to 4, further characterized in that at least one housing half (2, 3) has a rib (7), which presses one conductor (4, 5) into a recess (8) formed on the other housing half (3, 2) in the final locking position, by means of

which a strain relief is formed for the conductor, whereby the rib (7) forms a stop (21, 22) each time for the conductors inserted at opposite-lying sides of the plug connector.

6. The plug connector (1) according to one of claims 3 to 5, further characterized in that the two conductors (4, 5) overlap over clamps (9, 9') and each leg (10, 11) of the clamp contacts both conductors in final locking position.

7. The plug connector (1) according to one of claims 1 to 6, further characterized in that one of the housing halves (2) is formed in two parts, and each part (2a, 2b) of this housing half can be locked individually with the other housing half (3) in final locking position, whereby, when locking in final locking position, each part (2a, 2b) of the one housing half presses one of the conductors (4, 5) onto one leg (10, 11) of the clamp.

8. The plug connector according to one of claims 3 to 7, further characterized in that each leg (10', 11') of the clamp has two opposite-lying clamp arms (16, 17), which are separated from one another by a notch (14).

9. The plug connector according to one of claims 1 to 8, further characterized in that the clamp (9, 9') is a cutting clamp.

10. The plug connector according to one of the preceding claims, further characterized in that each conductor (4, 5) has several conductive tracks (6), and that the plug connector has cutting devices, which separate the conductive tracks from one another, when the two housing halves are locked in final locking position.